

LISTING OF CLAIMS:

1. (Currently amended) A torque transmission device ~~comprising~~ comprising:

an input section for receiving a torque from a driving ~~machine~~, machine;

an output section coupled to the driven ~~machine and~~ machine;

a bridge section for coupling the input section to the output section to transmit the torque from the input section to the output section; ~~the bridge section being~~ section, wherein the bridge section is broken when the torque to be transmitted exceeds a predetermined value to interrupt the torque ~~transmission, wherein~~ transmission; and

~~retaining means, in case of the breakage of the bridge section, fixed to one of the input section and the output section is provided for coupling the input section with the output section by the engagement with the other when the bridge section is broken, a retainer fixed to the input section for coupling the input section to the output section when the bridge section is broken,~~
wherein

the input section includes a plurality of projections, which are intermeshed with projections of a pulley, and at least one elastically deformable member is located between the projections of the input section and the projections of the pulley,

the output section is coupled to a shaft of the driven machine such that the output section and the shaft rotate together, and

~~wherein the axial detachment is prevented within the interior of the bridge section by the contour of the output section and a plate extending from the outside of the bridge section~~
the retainer includes a plate extending from the input section and engaging with the output section when the bridge section is broken.

2. (Currently amended) A torque transmission device as defined by claim 1, wherein the output section is fixed to ~~a rotary part of the driven machine~~ the shaft to be integral therewith,

the input section is intermeshed with a drive side rotary part ~~rotating~~ rotated by receiving the torque from the driving machine and is made to rotate together with the drive side rotary part, ~~which and the~~ intermeshed state is retained by a retaining force generated because the output section is formed integral with the ~~rotary part~~ shaft, and

the ~~retaining means~~ retainer, in case of the breakage of the bridge section, is fixed with the input section ~~side~~ and engaged with the output section ~~side~~ when the bridge section is broken.

3. (Canceled)

4. (Currently amended) A torque transmission device ~~comprising~~ comprising:

an input section for receiving a torque from a driving ~~machine~~ machine;

an output section coupled to the driven ~~machine and~~ machine;

a bridge section for coupling the input section to the output section to transmit the torque from the input section to the output ~~section; the bridge section being~~ section, wherein the bridge section is broken when the torque to be transmitted exceeds a predetermined value to interrupt the torque ~~transmission, where~~ transmission; and

~~retaining means in case of the breakage of the bridge section is provided for coupling the input section with the output section without contributing to the torque transmission between the input section and the output section,~~a retainer for coupling the input section to the output section when the bridge section is broken without transmitting torque between the input section and the output section, wherein

the input section includes a plurality of projections, which are intermeshed with projections of a pulley, and at least one elastically deformable member is located between the projections of the input section and the projections of the pulley,

the output section is coupled to a shaft of the driven machine such that the output section and the shaft rotate together, and

~~wherein the axial detachment is prevented within the interior of the bridge section by the contour of the output section and a plate extending from the outside of the bridge section~~the retainer includes a plate extending from the input section and engaging with the output section when the bridge section is broken.

5. (Canceled)